

Abstract

To secure the confidentiality of data stored in data storage devices, a position determination system is mechanically coupled to the data storage devices and continuously determines a position thereof. A processor, provided with an authorized location for the data storage devices, facilitates transfer of data to and from the data storage devices. Specifically, when the position of the data storage devices matches the authorized location, the processor facilitates transfer of data from the data storage devices without any modification of the data. However, when the position of the data storage means does not match the authorized location, the processor inflates the data by dispersing it in a very large set of irrelevant data.